

WHAT IS CLAIMED IS:

1. An electronic camera comprising:

imaging means for imaging an image of an object;

5 first image creating means for creating a first
image based on the image imaged by said imaging means;

operating means for setting information indicating
a predetermined process;

10 first transmission means for transmitting the
first image and the information indicating the
predetermined process to a center via a communication
line;

reception means for receiving an image transmitted
from the center according to a processing result of the
first image;

15 display means for displaying the image received by
the reception means; and

second transmission means for transmitting to the
center a second image having a larger number of pixels
than an image corresponding to the first image.

20 2. The electronic camera according to claim 1,
wherein a processing set by said operating means is a
synthesizing processing of an imaged image with a
desired background image.

25 3. The electronic camera according to claim 1,
wherein a processing set by said operating means is a
synthesizing processing of a panorama image.

4. The electronic camera according to claim 1,

further comprising background selection means for selecting a background image, wherein

5 said first transmission means transmits the first image created by said first image creating means and a data relating to a background image selected by said background image selection means to the center via the communication line,

10 said reception means receives a synthesized image by synthesizing the first image with the background image transmitted from the center, via the communication line, and

15 said second transmission means transmits to the center via the communication line the second image having a larger number of pixels than an image corresponding to the first image and the data relating to the background image selected by said background image selection means.

20 5. The electronic camera according to claim 4, wherein said background image selection means selects an arbitrary background image among background images received by said reception means and stored in the center.

25 6. The electronic camera according to claim 4, wherein the background image selected by said background image selection means is scrollable in at least one of a horizontal direction and a vertical direction.

7. The electronic camera according to claim 1,
wherein the first image is a reduced image of the image
imaged by the imaging means, and the second image is an
image before the reduction.

5 8. An electronic camera comprising:

imaging means for imaging an image of an object;
transmission means for transmitting to a center
via a communication line a first image obtained by the
imaging means; and

10 reception means for receiving via the
communication line a predetermined data processed by
the center based on the first image transmitted to the
center, wherein

15 an imaging operation is performed by said imaging
means based on the data received by said reception
means, and

the second image obtained through the imaging is
transmitted to the center via the communication line.

20 9. The electronic camera according to claim 8,
further comprising storage means for storing the images
obtained by said imaging means, wherein

an imaging is performed by said imaging means
based on a data received by said reception means, and

25 at least one of transmission of the second image
obtained by the imaging to the center via the
communication line and storage thereof in said storage
means is performed.

10. The electronic camera according to claim 8,
wherein a size of the first image is smaller than that
of the second image.

11. The electronic camera according to claim 8,
5 wherein the data is a synthesized image of a principal
portion of the first image and a background image
stored in advance at the center.

12. The electronic camera according to claim 8,
wherein the data is a synthesized image of an image
10 obtained by previously imaging and an image transmitted
to the center.

13. An imaging system comprising an electronic
camera for imaging an object and a center for
processing an image, said electronic camera and said
15 center being connected with each other via a
communication line, wherein

said center includes: center-side reception means
for receiving an image and an information indicating a
predetermined process to be performed to the image;
20 processing means for performing a predetermined process
to the received image based on the information received
by the center-side reception means; and center-side
transmission means for transmitting a result of the
processing performed by said processing means, and

25 said electronic camera includes: imaging means for
imaging an object; first image creating means for
creating a first image based on an image imaged by said

imaging means, operating means for setting information
indicating a predetermined process, first camera-side
transmission means for transmitting the first image and
the information indicating the predetermined process to
5 the center; camera-side reception means for receiving a
result of the processing transmitted from the center;
display means for displaying the processing result
received by the camera-side reception means; and second
camera-side transmission means for transmitting to the
10 center a second image corresponding to the first image
and having a larger number of pixels than the first
image.

14. An imaging system comprising an electronic
camera for imaging an object and a center for
15 processing an image, said electronic camera and said
center being connected via a communication line,
wherein

said center includes: center-side reception means
for receiving an image and a background image with
20 respect to the image; processing means for synthesizing
the image and the background image received by the
center-side reception means; and center-side
transmission means for transmitting a result of the
processing performed by said processing means, and

25 said electronic camera includes: imaging means for
imaging an object; background selection means for
selecting a background image; first image creating

means for generating a first image based on the image
imaged by the imaging means; first camera-side
transmission means for transmitting to the center the
first image created by said first image creating means
5 and a data relating to a background image selected by
said background image selection means; camera-side
reception means for receiving a result of the process
transmitted from the center; display means for
displaying a synthesized image received by said camera-
10 side reception means; and second camera-side
transmission means for transmitting to the center a
second image corresponding to the first image and
having a larger number of pixels than the first image
together with the data relating to the selected
15 background image.

15. An imaging system comprising an electronic
camera for imaging an object and a center for
processing an image, said electronic camera and said
center being connected via a communication line,
20 wherein

said center includes: center-side reception means
for receiving an image; data generating means for
generating a predetermined data based on the image
received by said center-side reception means; and
25 center-side transmission means for transmitting the
data generated by said generating means, and

said electronic camera includes: imaging means for

imaging an object; storage means for storing the image
obtained by said imaging means; first camera-side
transmission means for transmitting a first image
imaged by said imaging means to the center; and camera-
5 side reception means for receiving the data transmitted
from the center, in which an imaging is performed based
on the data received by said camera-side reception
means, and a second image obtained through this imaging
is stored in said storage means.

10 16. An imaging system comprising an electronic
camera for imaging an object and a center for
processing an image, said electronic camera and said
center being connected via a communication line,
wherein

15 said center includes: center-side reception means
for receiving an image; data creating means for
creating a predetermined data based on the image
received by said center-side reception means; and
center-side transmission means for transmitting the
20 data generated by data creating means, and

said electronic camera includes: imaging means for
imaging an object; camera-side transmission means for
transmitting a first image imaged by said imaging means
to the center; and camera-side reception means for
25 receiving the data transmitted by the center, in which
an imaging is performed based on the data received by
said camera-side reception means, and a second image

obtained through the imaging is transmitted to the center.

17. An imaging method comprising:

imaging an object;

5 creating a first image based on the imaged image;

setting information indicating a predetermined image processing;

transmitting the first image and an information indicating a content of the predetermined image processing to a center via a communication line;

receiving a result of a processing transmitted from the center via the communication line, after a predetermined processing is preformed to the first image based on the information indicating the image processing in said center;

displaying the processing result received; and transmitting to the center via the communication line a second image having a larger number of pixels than the image corresponding to the first image.

20 18. An imaging method comprising:

imaging an object;

selecting a background image;

generating a first image based on the imaged image;

25 transmitting the first image and a data about the selected background image to a center via a communication line;

receiving a synthesized image transmitted from the center via the communication line, after synthesizing the first image with the selected background image in the center;

5 displaying the synthesized image received; and
 transmitting to the center via the communication line a second image corresponding to the first image and having a larger number of pixels than the first image together with the data relating to the selected
10 background image.

19. An imaging method comprising:

 imaging an object;
 storing the image obtained by an imaging;
 transmitting a first image obtained by the imaging
15 to a center via a communication line;

 receiving a predetermined data processed in the center via the communication line based on the first image transmitted to the center;

 performing an imaging based on the received data;
20 and

 storing a second image obtained by the imaging based on the received data.

20. An imaging method comprising:

 imaging an object;
25 receiving a predetermined data processed in the center via the communication line based on the first image transmitted to the center;

performing an imaging based on the received data;
and

transmitting a second image obtained by the
imaging based on the received data.

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